

August 1949

Title

Wiper-Oiler

MANUAL OF EVALUATION STANDARDS FOR CIVILIAN JOBS IN THE DEPARTMENT OF THE ARMY

Wiper-Oiler
Wiper

PART II—STANDARDS FOR WAGE BOARD JOBS

JOB FAMILY
Floating Plant

SERIES
Wiper-Oiler

GRADE
5924-20-76-3, 5, and 10

INTRODUCTION

Pursuant to the authority contained in WD Orders C, 1946, as amended by WD Orders E, 1946, this series of standards has been developed by the Office of the Chief of Engineers, using the work situations peculiar to floating plants as the basis of study. The standards have been reviewed and approved by the Salary and Wage Administration Branch, Civilian Personnel Division, Office, Secretary of the Army.

WIPER, GRADE 3

Point value

Experience and training-----	70	Physical demand-----	145
Responsibility-----	75	Working conditions----	175
Mental application----	30	Total-----	495

1. Work performed.—Under the immediate supervision of the engineer on watch, wipers perform work involved in removing excess grease and oil from machinery and keeping the engine and boiler rooms clean. Workers receive detailed instructions when work is assigned and receive continual or intermittent supervision during performance. As training progresses, workers perform the tasks listed below, subject to intermittent inspection. Completed work is checked for compliance with instructions. The performance of the following duties is typical of this level:

a. Removing excess oil and grease from engines and auxiliaries. Polishing bright metals in the engine room. Cleaning engines with grease solvents when the plant is not in operation. Cleaning parts which have been disassembled for repairs. Sweeping and cleaning engine and boiler rooms.

b. Occasionally oiling and greasing nonmoving machinery.

c. Assisting in the assembly, disassembly, and repair of engines and auxiliaries by carrying and holding parts and fetching tools, requiring a knowledge of the nomenclature of tools and equipment.

d. Preparing surfaces to be painted by scraping and sanding or removing old paint with paint remover. Applying prime coats of paint to rough work.

2. Factor evaluation.—a. Experience and training—point value 70.

- (1) *Experience.*—No previous experience is required, but workers must have the ability to learn common trade practices and nomenclature of tools used in repairing engines and equipment.
- (2) *Education.*—Wipers must have the ability to understand oral and written instructions.
- (3) *Training.*—Wipers are given training in the location, general use, and purpose of lubricants, oil lines, valves, grease fittings, and cleaning supplies.

b. Responsibility—point value 75.

- (1) *Supervision received.*—Workers perform work in accordance with instructions received at the beginning of the assignment. Work is checked for compliance with instructions.
- (2) *Supervision exercised.*—None.
- (3) *Tools, materials, and equipment.*—Workers are responsible for cleaning and caring for small hand tools and materials. The possibility of damage to tools and equipment is slight.
- (4) *Safety.*—Workers are required to comply with safety rules and regulations when working on slippery floors around moving machinery.

c. Mental application—point value 30.—

Workers are required to concentrate when working around moving machinery and for short periods of time when receiving instructions on work to be performed and learning new tasks.

d. Physical demand—point value 145.—

The preponderant tasks at this level require light to moderate physical effort in cleaning and wiping machinery and equipment and infrequent strenuous effort such as lifting heavy parts when assisting mechanics in the repair of equipment. Slightly higher points are assigned to this factor in a job at this level than at the higher level because there is less opportunity for learning the duties of fireman or oiler, therefore, more sustained physical effort is required in continuously performing the cleaning and wiping work in the boiler and engine rooms.

e. Working conditions—point value 175.—

Wipers work either in the boiler room where temperatures are abnormally high, or in the engine room where there is direct contact with moving machinery. There is danger of burns from steam lines and boilers and danger of cuts, bruises, electric shock, and broken bones while working around the machinery. There is also danger of falling on slippery floors and danger of drowning in case of accidents.